

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

IN RE APPLICATION OF: Keiichi YOKOYAMA et al

SERIAL NO: New U.S. Application

GAU:

FILED: Herewith

EXAMINER:

FOR: PROCESS FOR PRODUCING MICROBIAL TRANSGLUTAMINASE

JC978 U.S. PTO
09/996561
11/30/01

INFORMATION DISCLOSURE/RELATED CASE STATEMENT UNDER 37 CFR 1.97

ASSISTANT COMMISSIONER FOR PATENTS
WASHINGTON, D.C. 20231

SIR:

Applicant(s) wish to disclose the following information.

REFERENCES

- ☒ The applicant(s) wish to make of record the references listed on the attached form PTO-1449 were mentioned in Parent Application Serial No. 09/448,310 filed November 24, 1999.
- ☐ A check is attached in the amount required under 37 CFR §1.17(p).

RELATED CASES

- ☐ Attached is a list of applicant's pending application(s) or issued patent(s) which may be related to the present application. A copy of the patent(s), together with a copy of the claims and drawings of the pending application(s) is attached along with PTO 1449.
- ☐ A check is attached in the amount required under 37 CFR §1.17(p).

CERTIFICATION

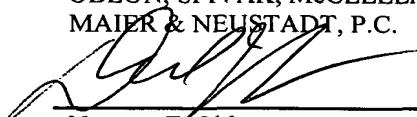
- ☐ Each item of information contained in this information disclosure statement was first cited in any communication from a foreign patent office in a counterpart foreign application not more than three months prior to the filing of this statement.
- ☐ No item of information contained in this information disclosure statement was cited in a communication from a foreign patent office in a counterpart foreign application or, to the knowledge of the undersigned, having made reasonable inquiry, was known to any individual designated in 37 CFR §1.56(c) more than three months prior to the filing of this statement.

DEPOSIT ACCOUNT

- ☒ Please charge any additional fees for the papers being filed herewith and for which no check is enclosed herewith, or credit any overpayment to deposit account number 15-0030. A duplicate copy of this sheet is enclosed.

Respectfully submitted,

OBLON, SPIVAK, McCLELLAND,
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Form PTO 1449
(Modified)U.S. DEPARTMENT OF COMMERCE
PATENT AND TRADEMARK OFFICEATTY DOCKET NO.
216547US0CONTSERIAL NO.
New Application

LIST OF REFERENCES CITED BY APPLICANT

APPLICANT

Keiichi YOKOYAMA et al.

FILING DATE

Herewith

GROUP

JC979 U.S. PTO
09/09/96

11/30/01

U.S. PATENT DOCUMENTS

EXAMINER INITIAL		DOCUMENT NUMBER	DATE	NAME	CLASS	SUB CLASS	FILING DATE IF APPROPRIATE
	AA	5,736,356	04/07/98	Sano et al.			
	AB	5,156,956	10/20/92	Motoki et al.			
	AC	5,514,573	05/07/96	Yasueda et al.			
	AD	5,731,183	03/24/98	Kobayashi et al.			
	AE	6,013,498	1/2000	Yokoyama et al			
	AF						
	AG						
	AH						
	AI						
	AJ						
	AK						
	AL						
	AM						
	AN						

FOREIGN PATENT DOCUMENTS

		DOCUMENT NUMBER	DATE	COUNTRY	TRANSLATION YES NO	
	AO	0 481 504	04/22/92	EUROPE		
	AP	64-27471	01/30/89	JAPAN (English Abstract provided)		X
	AQ	1-50382	10/30/89	JAPAN (English Abstract provided)		X
	AR	5-199883	08/10/93	JAPAN (English Abstract provided)		X
	AS	6-30771	02/08/94	JAPAN (English Abstract provided)		X
	AT	WO 96/22366	07/25/96	WIPO		
	AU	WO 96/06931	03/07/96	WIPO		
	AV					

OTHER REFERENCES (Including Author, Title, Date, Pertinent Pages, etc.)

	AW	Shino Takehana et al., "CHEMICAL SYNTHESIS OF THE GENE FOR MICROBIAL TRANSGLUTAMINASE FROM <i>STREPTOVERTICILLIUM</i> AND ITS EXPRESSION IN <i>ESCHERICHIA COLI</i> ", Biosci. Biotech. Biochem., Vol. 58, No. 1, pp. 88-92, 1994.
	AX	Misako KAWAI et al., "HIGH-LEVEL EXPRESSION OF THE CHEMICALLY SYNTHESIZED GENE FOR MICROBIAL TRANSGLUTAMINASE FROM <i>STREPTOVERTICILLIUM</i> IN <i>Escherichia coli</i> ", Biosci. Biotech. Biochem., Vol. 61, No. 5, pp. 830-835, May 1997.
	AY	Arie Ben-Bassat et al., "PROCESSING OF THE INITIATION METHIONINE FROM PROTEINS: PROPERTIES OF THE <i>ESCHERICHIA COLI</i> METHIONINE AMINOPEPTIDASE AND ITS GENE STRUCTURE", Journal of Bacteriology, Vol. 169, No. 2, pp. 751-757, 1987.
	AZ	Roohaida Othman et al., "HUMAN NON-PANCREATIC (GROUP II) SECRETED PHOSPHOLIPASE A ₂ EXPRESSED FROM A SYNTHETIC GENE IN <i>ESCHERICHIA COLI</i> : CHARACTERISATION OF N-TERMINAL MUTANTS", Biochem. Biophys. Acta, Vol. 1303, No. 2, pp. 92-102, 1996.

Examiner

Date Considered

*Examiner: Initial if reference is considered, whether or not citation is in conformance with MPEP 609; Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.

Form PTO-1449
(Modified)U.S. DEPARTMENT OF COMMERCE
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OTHER REFERENCES (Including Author, Title, Date, Pertinent Pages, etc.)

AAA

Koji Ikura et al., "AMINO ACID SEQUENCE OF GUINEA PIG LIVER TRANSGlutAMINASE FORM ITS cDNA SEQUENCE", Biochemistry, Vol 27, pp. 2898-2905, 1988.

AAB

M. A. Phillips et al., "PRIMARY STRUCTURE OF KERATINOCYTE TRANSGlutAMINASE", Proc. Natl. Acad. Sci. USA, Vo. 87, pp. 9333-9337, December 1990.

AAC

Akitada Ichinose et al, "AMINO ACID SEQUENCE OF THE A SUBUNIT OF HUMAN FACTOR XIII", Biochemistry, Vol. 25, pp. 6900-6906, 1986.

AAD

A. Ben-Bassat et al., "AMINO-TERMINAL PROCESSING OF PROTEINS", Nature, Vo. 326, p. 315, March 19, 1987.

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	AAH						
	AAI						
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	AAK						
	AAL						
	AAM						
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FOREIGN PATENT DOCUMENTS							
		DOCUMENT NUMBER	DATE	COUNTRY	TRANSLATION YES NO		
	AAO						
	AAP						
	AAQ						
	AAR						
	AAS						
	AAT						
	AAU						
	AAV						
OTHER REFERENCES (Including Author, Title, Date, Pertinent Pages, etc.)							
	AWA	DEVLIN et al., "Alteration of amino-terminal codons of human granulocyte-colony-stimulating factor increases expression levels and allows efficient processing by methionine aminopeptidase in Escherichia coli. GENE, vol. 65, 1988, pages 13-22.					
	AXA						
	AYA						
	AZA						
Examiner					Date Considered		
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